

A METHOD FOR REMOVING A COATING FROM
A SUBSTRATE, AND RELATED COMPOSITIONS

ABSTRACT OF THE DISCLOSURE

A method for selectively removing one or more coatings from the surface of a substrate is described. The coating is treated with an aqueous composition which includes an acid of the formula H_xAF_6 , or precursors to such an acid. In that formula, A is Si, Ge, Ti, Zr, Al, and Ga; and x is 1-6. The acid is often H_2SiF_6 . The composition may sometimes include at least one additional acid, such as phosphoric acid. The coating being removed is often an aluminide coating or an MCrAl(X)-type material. The substrate is usually a polymer or a metal, such as a superalloy.